

50C

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/511,708
Source: PCT
Date Processed by STIC: 01/05/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/05/2006

PATENT APPLICATION: US/10/511,708

TIME: 11:09:39

Input Set : A:\pct_ep03_04546.ST25.txt

Output Set: N:\CRF4\01052006\J511708.raw

```

3 <110> APPLICANT: Pharmacia AB
5 <120> TITLE OF INVENTION: Height-related gene
7 <130> FILE REFERENCE: P706097PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/511,708
C--> 10 <141> CURRENT FILING DATE: 2004-10-15
12 <150> PRIOR APPLICATION NUMBER: GB0209640.2
13 <151> PRIOR FILING DATE: 2002-04-26
15 <150> PRIOR APPLICATION NUMBER: GB0215188.4
16 <151> PRIOR FILING DATE: 2002-07-01
18 <160> NUMBER OF SEQ ID NOS: 167
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 20
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Primer: SKY1 left
30 <400> SEQUENCE: 1
31 ggacatttgg ctgcagagat 20
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 20
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Primer: SKY1 right
42 <400> SEQUENCE: 2
43 tggcaatgca ctctcatcat 20
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 20
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Primer: SKY2 left
54 <400> SEQUENCE: 3
55 tcaggacaga caggctgcta 20
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 20
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Primer: SKY2 right
66 <400> SEQUENCE: 4
67 cctgccactg agctccttac 20

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/511,708

DATE: 01/05/2006

TIME: 11:09:39

Input Set : A:\pct_ep03_04546.ST25.txt

Output Set: N:\CRF4\01052006\J511708.raw

```

70 <210> SEQ ID NO: 5
71 <211> LENGTH: 20
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Primer: SKY3 left
78 <400> SEQUENCE: 5
79 ttctccctca tctccaagc 20
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 20
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Primer: SKY3 right
90 <400> SEQUENCE: 6
91 gcttccatcc attagcaagg 20
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 22
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Primer: SKY4 right
102 <400> SEQUENCE: 7
103 cctttcattc cattctcttc ca 22
106 <210> SEQ ID NO: 8
107 <211> LENGTH: 19
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Primer: SKY4 right
114 <400> SEQUENCE: 8
115 cgcactttat ggactgcaa 19
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 20
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Primer: SKY5 left
126 <400> SEQUENCE: 9
127 ccctcgtcca tttcttttga 20
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 20
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Primer: SKY5 right
138 <400> SEQUENCE: 10
139 cctcgaattt aatggattgc 20
142 <210> SEQ ID NO: 11

```

RAW SEQUENCE LISTING

DATE: 01/05/2006

PATENT APPLICATION: US/10/511,708

TIME: 11:09:39

Input Set : A:\pct_ep03_04546.ST25.txt

Output Set: N:\CRF4\01052006\J511708.raw

```

143 <211> LENGTH: 21
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Primer: SKY6 left
150 <400> SEQUENCE: 11
151 tcaatggatg cacagtgtgg c 21
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 20
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Primer: SKY6 right
162 <400> SEQUENCE: 12
163 tccactgaat tccattgcac 20
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 20
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Primer: SKY7 left
174 <400> SEQUENCE: 13
175 gggagtgcaa agggaaagat 20
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 20
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Primer: SKY7 right
186 <400> SEQUENCE: 14
187 ctttccatgg ggtgacattc 20
190 <210> SEQ ID NO: 15
191 <211> LENGTH: 22
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Primer: SKY8 left
198 <400> SEQUENCE: 15
199 ccattcattc gagttcatta cg 22
202 <210> SEQ ID NO: 16
203 <211> LENGTH: 20
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Primer: SKY8 right
210 <400> SEQUENCE: 16
211 attggaatgg aatcggacag 20
214 <210> SEQ ID NO: 17
215 <211> LENGTH: 20

```

RAW SEQUENCE LISTING

DATE: 01/05/2006

PATENT APPLICATION: US/10/511,708

TIME: 11:09:39

Input Set : A:\pct_ep03_04546.ST25.txt

Output Set: N:\CRF4\01052006\J511708.raw

```

216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Primer: SKY9 left
222 <400> SEQUENCE: 17
223 ggccgatggt caaactgtta                20
226 <210> SEQ ID NO: 18
227 <211> LENGTH: 20
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Primer: SKY9 right
234 <400> SEQUENCE: 18
235 gaaacgggct ctgaaattct                20
238 <210> SEQ ID NO: 19
239 <211> LENGTH: 20
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Primer: SKY10 left
246 <400> SEQUENCE: 19
247 ataaggggca ggtttgtcac                20
250 <210> SEQ ID NO: 20
251 <211> LENGTH: 27
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Primer: SKY10 right
258 <400> SEQUENCE: 20
259 gctacttatt cagtgtttaa ctgacac        27
262 <210> SEQ ID NO: 21
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Primer: SKY11 left
270 <400> SEQUENCE: 21
271 aaagtgggtg aaggacatgg                20
274 <210> SEQ ID NO: 22
275 <211> LENGTH: 19
276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Primer: SKY11 right
282 <400> SEQUENCE: 22
283 tttttgtttg tggcaggtg                19
286 <210> SEQ ID NO: 23
287 <211> LENGTH: 21
288 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 01/05/2006

PATENT APPLICATION: US/10/511,708

TIME: 11:09:39

Input Set : A:\pct_ep03_04546.ST25.txt

Output Set: N:\CRF4\01052006\J511708.raw

```

289 <213> ORGANISM: Artificial
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Primer: SKY12 left
294 <400> SEQUENCE: 23
295 ttgagtcact ggggataact g 21
298 <210> SEQ ID NO: 24
299 <211> LENGTH: 20
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Primer: SKY12 right
306 <400> SEQUENCE: 24
307 tatggccac aatcacttca 20
310 <210> SEQ ID NO: 25
311 <211> LENGTH: 22
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Primer: SKY13 left
318 <400> SEQUENCE: 25
319 ggcagcctag aaagtcttgt tc 22
322 <210> SEQ ID NO: 26
323 <211> LENGTH: 20
324 <212> TYPE: DNA
325 <213> ORGANISM: Artificial
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Primer: SKY13 right
330 <400> SEQUENCE: 26
331 cccttgggat tttgtctgtt 20
334 <210> SEQ ID NO: 27
335 <211> LENGTH: 20
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Primer: A72 forward
342 <400> SEQUENCE: 27
343 atttccaccg aaacccattt 20
346 <210> SEQ ID NO: 28
347 <211> LENGTH: 20
348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial
351 <220> FEATURE:
352 <223> OTHER INFORMATION: Primer: A72 reverse
354 <400> SEQUENCE: 28
355 ctcccctacc accaacacac 20
358 <210> SEQ ID NO: 29
359 <211> LENGTH: 20
360 <212> TYPE: DNA
361 <213> ORGANISM: Artificial

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/05/2006
PATENT APPLICATION: US/10/511,708 TIME: 11:09:40

Input Set : A:\pct_ep03_04546.ST25.txt
Output Set: N:\CRF4\01052006\J511708.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51
Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75
Seq#:76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99
Seq#:100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117
Seq#:118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135
Seq#:136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153
Seq#:154,155,156,157,158,159,160,161,162,163,164,165,166,167

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,708

DATE: 01/05/2006

TIME: 11:09:40

Input Set : A:\pct_ep03_04546.ST25.txt

Output Set: N:\CRF4\01052006\J511708.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date